

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

2002/G-00215
Abs

PUBLICATION NUMBER : 07082441
PUBLICATION DATE : 28-03-95

APPLICATION DATE : 13-09-93
APPLICATION NUMBER : 05251175

APPLICANT : ZEON KASEI CO LTD;

INVENTOR : ISHIDA KAZUNARI;

INT.CL. : C08L 25/04 C08K 5/09 C08K 5/54 C08K 7/06 C08L 71/12 C08L 71/12

TITLE : THERMOPLASTIC RESIN COMPOSITION

ABSTRACT : PURPOSE: To provide a thermoplastic resin composition comprising a specific resin component, a specific aliphatic carboxylic acid, a specific silane coupling agent, etc., excellent in rigidity, impact resistance and moldability, and suitable as a raw material for moldings, etc.

CONSTITUTION: This thermoplastic resin composition comprises (A) 100 pts.wt. of a resin component comprising 10-90wt.% of a polyphenylene ether resin such as poly(2,6-dimethyl-1,4-phenylene) ether and 90-10wt.% of an aromatic vinyl resin such as PS resin, (B) 30-70 pts.wt. of carbon fibers, (C) 0.5-20 pts.wt. of a 7-21C aliphatic carboxylic acid (e.g. octylic acid), (D) 0.01-3 pts.wt. of a silane coupling agent such as γ -(2-aminoethyl)aminopropyltrimethoxysilane and/or a titanate coupling agent such as isopropyl tristearoyltitanate, and further preferably (E) 2-50 pts.wt. of glass fibers.

COPYRIGHT: (C)1995,JPO